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## Two Doctoral Programs in Engineering

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**THE UNIVERSITY OF DAYTON**  
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DAYTON, Ohio, July 16, 1973 --- Dr. David C. Kraft, Dean of the School of Engineering of the University of Dayton, announced today the inauguration of two doctoral programs in engineering beginning with the Fall Term of 1973. The two degrees are Doctor of Philosophy in Engineering (PhD) and Doctor of Engineering (DE). The Doctor of Philosophy in Engineering will be a research oriented program, while the Doctor of Engineering will have an applied engineering orientation and will include a broad field of engineering study, an internship within the profession of engineering and a practice-oriented dissertation. The major engineering areas which provide the core courses for the D.E. degree will be Aerospace, Electrical, Materials, Management, Mechanical, Civil, and Chemical Engineering. Both The Ph.D. and the D.E. programs, which will be under the direction of Dr. Jay Pinson, Associate Dean of Engineering, will permit major study emphasis in the areas of Mechanical, Materials, Aerospace and Electrical Engineering. Approval of these programs was made at the Executive Committee of the Board of Trustees July 12 meeting.

The institution of the Doctoral level studies program in engineering by the University culminates a 10 year planning and development process including the strengthening of the graduate faculty, which now numbers 33, and the construction of the excellent teaching and research facilities of the 7 ½ million dollar Eugene W. Kettering Engineering and Research Building. The two degree programs are designed to meet the engineering educational needs of the technical community of the Greater Dayton Area. The University is fortunate to be located in a community that has one of the highest ratios of professional and engineering personnel per resident of any comparable location in the country. The community Industrial and Government organizations well recognize the need for advanced Engineering education.

The University of Dayton, in its statement of purposes, has a commitment to four essential tasks: teaching, research, serving as a critic of society and rendering public service. The initiation of the Doctoral Engineering Programs will greatly assist the University in carrying out these tasks. Expanding the graduate studies and research efforts will further enhance our undergraduate programs as well as the existing Master's programs. Engineering being an applied science, it is necessary not only to provide the student with the basic foundation, but also to teach him methods of application and equip him with facts and skills that will prepare him for his participation in the highly technical society of today and tomorrow. To accomplish these objectives requires a quality faculty who are engaged in research and teaching at both the undergraduate and graduate levels. The Doctoral Programs will provide the School of Engineering the opportunity of developing a total educational program for engineering students. Other significant benefits will be enhancement of both the local and national prestige of the University and the providing of a needed service to the community. There are no existing Doctoral Programs in Engineering in the immediate geographical area that are available for community use.

The first curriculum in Engineering at the University of Dayton was established in 1910 with the first engineering degree being awarded in 1914. A Graduate Engineering Program was inaugurated in 1961 with the first Masters degree being granted in April, 1965. The School of Engineering currently has an enrollment of approximately 350 graduate students and offers Masters Degrees in Aerospace, Chemical, Civil, Electrical, Materials, Mechanical Engineering and Engineering Management.